



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/058,074 05/04/93 WILENS

P FRW001

TRAN, K  
EXAMINER

2341/1213

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TROY, MI 48064-3109

ART UNIT	PAPER NUMBER
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2311

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DATE MAILED:

12/13/93

This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

- ☒ This application has been examined ☐ Responsive to communication filed on \_\_\_\_\_ ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), 2 day(s) from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- |   |   |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 2. <input checked="" type="checkbox"/> Notice re Patent Drawing, PTO-948.                   |
| 3. <input checked="" type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449.      | 4. <input checked="" type="checkbox"/> Notice of Informal Patent Application, Form PTO-152. |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474.     | 6. <input type="checkbox"/>   |

Part II SUMMARY OF ACTION

1. ☒ Claims 1-15 are pending in the application.  
Of the above, claims \_\_\_\_\_ are withdrawn from consideration.
2. ☐ Claims \_\_\_\_\_ have been cancelled.
3. ☐ Claims \_\_\_\_\_ are allowed.
4. ☒ Claims 1-15 are rejected.
5. ☐ Claims \_\_\_\_\_ are objected to.
6. ☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.
7. ☐ This application has been filed with Informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.
8. ☐ Formal drawings are required in response to this Office action.
9. ☐ The corrected or substitute drawings have been received on \_\_\_\_\_. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable. ☐ not acceptable (see explanation or Notice re Patent Drawing, PTO-948).
10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_ has (have) been ☐ approved by the examiner. ☐ disapproved by the examiner (see explanation).
11. ☐ The proposed drawing correction, filed on \_\_\_\_\_, has been ☐ approved. ☐ disapproved (see explanation).
12. ☐ Acknowledgment is made of the claim for priority under U.S.C. 119. The certified copy has ☐ been received ☐ not been received  
☐ been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_.
13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
14. ☐ Other \_\_\_\_\_

EXAMINER'S ACTION

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

2. (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-9 are rejected under 35 U.S.C. § 102(e) as being anticipated by Barber.

As per claim 1, Barber teaches portable golf device (10) comprising: a memory (16), a display (20) for displaying a plurality of informational screens (Figs. 6 and 7), key entry (18). Therefore, claim 1 is anticipated by barber.

Regarding claims 2-9, Barber also teaches a keyboard (18) including cursor director device (60) for selectively displaying screens or choosing a particular field on the displayed screen, save switch (68) for saving golf information for further use.

4. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of

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this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

5. Claims 10-15 are rejected under 35 U.S.C. § 103 as being unpatentable over Barber.

Regarding claims 10-11, Barber does not explicitly teach the portable golf device comprising a step of storing a plurality of pre-game, post-game information, and also future game information in the memory in order to enable the user to review the golf information. Barber discloses storing a player's performance data as well as the topographical data of each golf hole (col. 2, lines 17-41). From these detailed descriptions, it would have been obvious to the skilled artisan that post games data is stored. Also since a player's performance is stored before playing a game a golfer would likely review his past performances. This past performance may be regarded as pre-game data or future data if the golfer would like to have a similar performance in the future. A memory (16) is provided in the form of a random access memory capable of storing golf course geometrical and topographical data and player performance data to be displayed on display or screen (20). Although a plurality of screens is not explicitly taught, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a plurality of screens in the computer in order to enter golf data for statistics. The motivation would be to enable the user to keep track the results of

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the golf games as well as player's performance data.

Claims 12-15 are similar in scope to claims 1, 3 and 6-11, are rejected under a similar rationale.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khai Tran whose telephone number is (703) 305-9776.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3800.

*alt*  
KT/ayc  
November 30, 1993

*H. Envall Jr.*  
ROY H. ENVALL, JR.  
Supervisory  
Patent Examiner  
Group 2300